Post-harvest Deep Soil Sampling (Snake River CD)

Program	District Technical Assistance (ISWCC)
Lead Implementer	Idaho Soil and Water Conservation Commission
Funders	Idaho Department of Environmental Quality
Other Organizations	Snake River Conservation District, U.S. Environmental Protection Agency
Project Primary Contact	Chuck Pentzer (cpentzer@swc.idaho.gov)
Project Stage	Completed
Duration	2017 - 2018

IDAHO SOIL & WATER CONSERVATION COMMISSION

Conservation Support › District Technical Assistance (ISWCC)

The project conducted post-harvest deep soil sampling (PHDSS) to show the relationship between management practices applied on a specific field and ground water quality impacts. Three Nitrate Priority Areas (NPAs) sampled: the Marsh Creek area in Cassia County, #1 ranked NPA in the state in 2014; Minidoka NPA, in Minidoka County #25, and the Twin Falls NPA, ranked #21. The project demonstrated the relationship of applied nutrients and irrigation water in a field to ground water quality. Measuring deep soil nitrate and phosphorous may identify activities contributing to nitrate ground water contamination and provide relatively quick feedback on changes to management practices.

No Key Photo provided

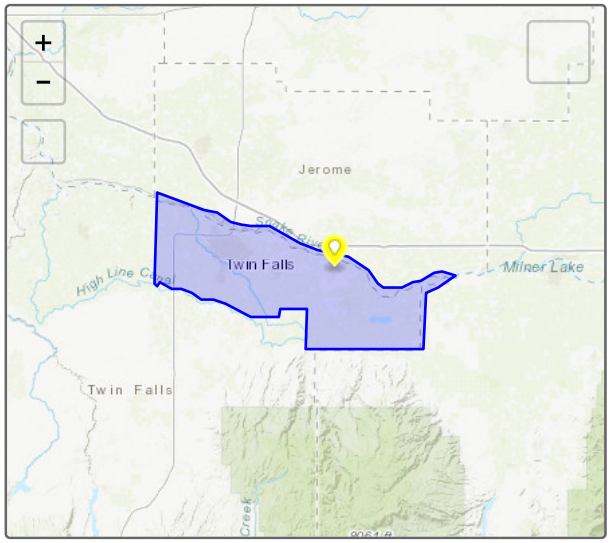
Key Accomplishments

- Engineering & Technical Assistance Hours Requested: **160**
- Engineering & Technical Assistance Hours Allocated: **85**
- Engineering & Technical Assistance Hours Provided: **139**
- Engineering & Technical Assistance Value: **$8,509.58**

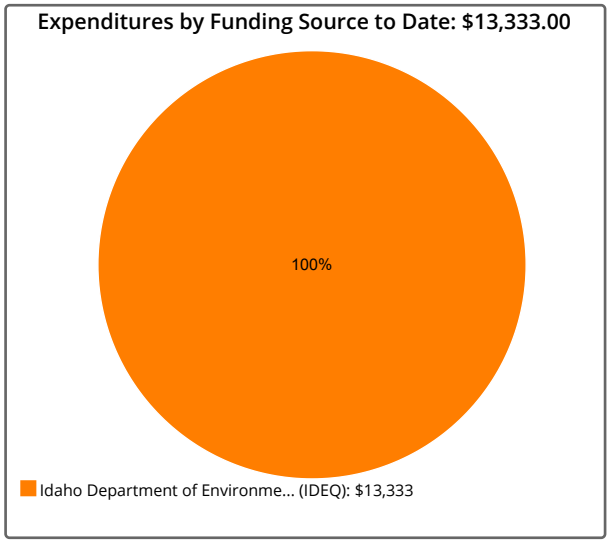
Project Themes

- Agricultural Lands
- Healthy Watersheds
- Soils
- Water

Location



Expenditures



Photos

No additional photos provided

Tracker tells stories at a broad-brush level. Individual project performance measures and expenditures should not be relied upon for complete and total accuracy and should be confirmed with a project's lead implementer. Project locations subject to confidentiality provisions under state and federal law specify the location of a local conservation district or USDA service center office.

Project last updated 1/2/2020